

# Guide to replacing Thomas Brothers Data

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## Background

The County of Los Angeles has embarked on a project to replace the data it has historically licensed from Thomas Brothers with data that it owns and maintains internally. This will allow the County to distribute, update, and improve this data without current restrictions.

This guide is meant to help current users of Thomas Brothers data transition to the new datasets seamlessly. For each of the current Thomas Brothers layers, the key field definitions from Thomas Brothers and from the replacement datasets are provided.

## Summary of replacement layers

TB Layer	Description	Current Layer
TRNL	Transportation (Street)	CAMS_ADDRESS_LINES_DIME
CSNA	County Area	DRP_COUNTY_BOUNDARY
CTYA	City Areas	DPW_CITY_BOUNDARIES
ZIPA	Zipcodes	CAMS_ZIPCODES_PARCEL_SPECIFIC
CENA	Census Areas	CENSUS_TRACTS_2010
CLTP	Cultural Points	LMS_DATA
CLTL	Cultural Lines	BEACHES_MARINA_DEL_REY DOCKS
CLTA	Cultural Areas	BUILDING OUTLINES
HYDL	Hydrology Lines	NHD_STREAMS
HYDA	Hydrology Areas	NHD_WATERBODIES
OWNA	Ownership Boundaries	LAND_TYPES
PGBA	Thomas Brothers Page	No replacement
PBDA	Thomas Brother Grid	No replacement
TRSA	Township Range Section	DRP_TOWNSHIP_RANGE_SECTION

## Transportation Network Layer (TRNL)

TRNL is the street centerline file from Thomas Brothers. It is being replaced by the Countywide Address Management System (CAMS) Street Centerline File, which is based upon TIGER.

This new file should be completed by October 2011, at which point this area will be completed

## CSNA (County Boundary)

The County Boundary is a simple file. It is being replaced by the Regional Planning County Boundary file which is parcel accurate.

Attributes: There are no attributes in the County Boundary file – it is a single entity that represents the entire county area.

## CTYA (City Boundaries)

The City Boundary file from Thomas Brothers hasn't been used for a number of years. This entry will describe the new file only.

The City Boundary file captures the boundaries of legal cities in the County of Los Angeles, and is being maintained by the County Department of Public Works.

It contains the following fields:

Field Name	Field Description	Field Values
CommType	Community Type (supports labeling)	City (for Incorporated City) Los Angeles (City of LA only) Unincorporated
NAME	Simple City or Community Name	For Unincorporated areas this field contains a simplified community name
LABEL_CITY	The name of the city – for Communities this is “Unincorporated” – used for labeling cities in conjunction with the CommType Field	We generally use different label colors for cities (black) and communities (blue). The Commtype field provides a mechanism to create label classes that support these label types.
LABEL_COMM	The name of the Community – used for labeling communities in conjunction with the Commtype field	
URL	URL of the city	
PHONE	Phone number for the city	

## ZIPA (Zipcode Boundaries)

The ZIPA file from Thomas Brothers has not been used for a number of years. The Zipcode file is replaced by the CAMS ZIPCODE file. This is a parcel-specific file and matches the parcels.

The Zipcode file contains the following primary fields:

Field Name	Field Description	Field Values
<b>Name</b>	5-digit Zipcode	90001, 90002, etc.

## CENA (Census Tracts)

The County is transitioning to the Census Tract boundary file from the US Census due to its higher spatial accuracy.

Field Name	Field Description	Field Values
<b>CT2010</b>	2010 Census Tract (6-digits)	599100, etc
<b>LABEL</b>	2010 Census Tract (4.2 display)	5991.00, etc.

## PGBA (Thomas Brothers Page)

This is a copyrighted dataset – there is no replacement

## PGDA (Thomas Brothers Grid)

This is a copyrighted dataset – there is no replacement

## TRSA (Township Range Section)

This has been replaced by a dataset supplied from Regional Planning. This dataset does not appear to have land grant boundaries.

Field Name	Field Description	Field Values
<b>MERIDIAN</b>	Meridian Name	SBB&M
<b>TOWNSHIP</b>	Township	08N
<b>RANGE</b>	Range	13W
<b>SECTION</b>	Section #	27
<b>TRTEXT</b>	Township Range Text	T08N R13W
<b>SECTIONTEX</b>	Section Text	SEC 27
<b>LANDGRANT</b>	Placeholder for Land Grant information	

## OWNA (Ownership – Land Type)

The OWNA layer represents the use of land and its ownership.

This section will discuss the most important fields in the TB layer, and their replacement fields in the LAND\_TYPES dataset:

The most important change from Thomas Brothers is the replacement of the field that provided the categorization of the ownership type (and was the primary symbolization field). The **SUBTYPE** field held a code that could be translated into the **SUBTYPE\_AL** (subtype\_alpha) field. These fields have been replaced by three fields in the Land Types dataset. These fields are: CAT1 (primary field), CAT2 (secondary field), CAT3 (tertiary field). CAT1 and CAT2 will always be filled out, while CAT3 is filled out as necessary to provide granularity of data.

The category fields are part of the larger Location Management System dataset.

TB_Field	TB_Sample	Land_Type Field	Land_Type Sample
<b>SUBTYPE</b>	20	CAT1	Arts & Recreation
<b>SUBTYPE_AL</b>	PARK	CAT2	Regional Parks & Gardens
		CAT3	
<b>NAME_ALF</b>	APOLLO COUNTY PARK	Name	Apollo Park
<b>LABEL</b>	Apollo County Park		

To provide more detail, a correspondence table between the SUBTYPE and Land Types Categories fields is listed below.

Thomas Brothers OWNA TYPE Code List		eGIS Land Types Corresponding Categories		
SUBTYPE	SUBTYPE_AL	CAT1	CAT2	CAT3
-100	INVALID CODE			
-99	PROBLEM			
-90	NONE: POLY ONLY			
1	<b>AIRPORT</b>	Transportation	Airports	
2	<b>AMUSEMENT PARK</b>	Arts & Recreation	Amusement Parks	
3	<b>CEMETERY</b>	Municipal Services	Cemeteries	
4	<b>COLLEGE/UNIVERSITY</b>	Education	Colleges & Universities	
5	<b>ECOLOGICAL PRESERVE/ESTUARY</b>	Arts & Recreation	Natural Areas & Wildlife Sanctuaries	Wilderness or Wildlife Sanctuary
6	<b>FAIRGROUND</b>	Arts & Recreation	Event Venues	
7	<b>FOREST</b>	Arts & Recreation	Natural Areas & Wildlife Sanctuaries	
8	<b>GOLF COURSE</b>	Arts & Recreation	Golf Courses	
9	<b>HISTORICAL MONUMENT</b>	Arts & Recreation	Historical Parks	
10	<b>HISTORICAL PARK</b>	Arts & Recreation	Historical Parks	
11	<b>HISTORICAL POINTS OF INTEREST</b>	Arts & Recreation	Historical Parks	
12	<b>INDIAN RESERVATION</b>	Not Applicable		
13	<b>LARGE CORPORATION</b>	Not captured		
14	<b>MILITARY</b>	Government	Military Facilities	
15	<b>MISCELLANEOUS</b>	Not Applicable		

16	<b>MONUMENT</b>	Not captured yet	
17	<b>MOVIE STUDIO</b>	Private Industry	TV & Movie Studios
18	<b>OIL REFINERY</b>	Not captured	
19	<b>OPEN SPACE</b>	Arts & Recreation	Natural Areas & Wildlife Sanctuaries      Open Space
20	<b>PARK</b>	Arts & Recreation	Regional Parks & Gardens
21	<b>PARKING</b>	Not captured	
22	<b>PRISON</b>	Public Safety	Jails & Prisons
23	<b>RECREATION AREA</b>	Arts & Recreation	Recreation Centers
24	<b>SHOPPING MALL</b>	Private Industry	Shopping Centers
25	<b>SKI AREA</b>	Not captured	
26	<b>STADIUM/ARENA</b>	Arts & Recreation	Sports Complexes
27	<b>UNDERWATER PARK</b>	Arts & Recreation	Museums & Aquariums
28	<b>WILDERNESS AREA</b>	Arts & Recreation	Natural Areas & Wildlife Sanctuaries      Wilderness or Wildlife Sanctuary
29	<b>WILDLIFE REFUGE</b>	Arts & Recreation	Natural Areas & Wildlife Sanctuaries      Wilderness or Wildlife Sanctuary
30	<b>ZOO</b>	Arts & Recreation	Museums & Aquariums
31	<b>CIVIC CENTER</b>	Government	City Halls
32	<b>RACETRACK</b>	Arts & Recreation	Sports Venues
33	<b>CONVENTION CENTER</b>	Arts & Recreation	Event Venues
34	<b>BEACH</b>	Arts & Recreation	Beaches & Marinas
35	<b>HOSPITAL</b>	Health & Mental Health	Hospitals & Medical Centers
36	<b>BUREAU OF LAND MANAGEMENT</b>	Not captured	
37	<b>CASINO</b>	Not captured	
38	THOMAS BROS. MAPS FACILITY	Not Applicable	
39	MISCELLANEOUS (NON-INDEXING)	Not Applicable	
40	MAJOR GOVERNMENTAL BUILDINGS	Not captured	
41	WATERSHED AREA	Not Applicable	
42	SCENIC AREA (PNW)	Arts & Recreation	Natural Areas & Wildlife Sanctuaries
9999	INVALID CODE	Not Applicable	
10000	Not In Thomas Brothers OWNA	Education	Preschools
10000	Not In Thomas Brothers OWNA	Education	Private and Charter Schools
10000	Not In Thomas Brothers OWNA	Education	Public Adult Schools
10000	Not In Thomas Brothers OWNA	Education	Public Elementary Schools
10000	Not In Thomas Brothers OWNA	Education	Public High Schools
10000	Not In Thomas Brothers OWNA	Education	Public Middle Schools
10000	Not In Thomas Brothers OWNA	Private Industry	Mobile Home Parks
10000	Not In Thomas Brothers OWNA	Municipal Services	Utilities (Water & Electricity)

## CLTA (Cultural Areas – Building Outlines)

This data layer has been replaced by the building outlines dataset

## CLTL (Cultural Lines)

The CLTL layer generally symbolizes piers and docks, and has been replaced by the Marina del Rey Docks layer

## CLTP (Cultural Points – Location Management Data)

The CLTP layer represents points of interest/landmarks.

This section will discuss the most important fields in the Thomas Brothers layer, and their replacement fields in the LMS\_Data dataset:

The most important changes from Thomas Brothers are the replacement of the field that provided the categorization of the ownership type (and was the primary symbolization field). The **SUBTYPE** field held a code that could be translated into the **SUBTYPE\_AL** (subtype\_alpha) field. These fields have been replaced by three fields in the Land Types dataset. These fields are: CAT1 (primary field), CAT2 (secondary field), CAT3 (tertiary field). CAT1 and CAT2 will always be filled out, while CAT3 is filled out as necessary to provide granularity of data.

The Location Management Data stores more information, including the “Link” field that links back to the location in the LMS system where this location is maintained.

TB Field	TB Sample	Land Type Field	Land Types Sample
GRPH	5738249	post_id	56517
NAME_ALF	LANCASTER LIBRARY	Name	County Of Los Angeles Public Library - Lancaster Library
LABEL	Lancaster Library		
		description	Library Services Are Provided For The Public In Person And By Phone.
TYPE	34	cat1	Municipal Services
TYPE_ALF	LIBRARY	cat2	Libraries
		cat3	
ADDRESS	601 W LANCASTER BLVD	addrln1	601 W. Lancaster Blvd.
		addrln2	
CITY	LANCASTER	city	Lancaster
		state	CA
		zip	93534
		hours	
PHONE	805-948-5029	phones	Service/Intake (661) 948-5029, TDD (661) 945-2503
		url	www.colapublib.org/libs/lancaster
		email	
		info1	

info2	
link	<a href="http://egis3.lacounty.gov/lms/?p=56517">http://egis3.lacounty.gov/lms/?p=56517</a>
org_name	LA County
source	211
ext_id	1020479001
use_type	publish
dis_status	
latitude	34.69821265
longitude	-118.13953510
date_updat	11/1/2010

## HYDL (Hydrology Lines - Streams)

The Thomas Brothers layer has been replaced by data from the National Hydrography Dataset.

Key fields:

TB_Field	TB_Sample	Land_Type Field	Land_Type Sample
TYPE_ALF	RIVER	DESCRIPTIO	Artificial Path
STRU	Perennial	HYDROGRAPHY	Perennial
NAMEA_ALF	LOS ANGELES RIVER	GNIS_Name	Los Angeles River

## HYDA (Hydrology Areas – Water Bodies)

The Thomas Brothers layer has been replaced by data from the National Hydrography Dataset.

Key fields:

TB_Field	TB_Sample	Land_Type Field	Land_Type Sample
TYPE_ALF	RESERVOIR	DESCRIPTIO	Lake/Pond ...
STRU	STREAM GRADE	HYDROGRAPHY	Perennial
		STAGE	Spillway Elevation
NAMEA_ALF	CASTAIC LAKE	GNIS_Name	Castaic Lake